POM-06 Target Brief

STRATEGIC SYSTEMS PROGRAMS

(SSP)

March 10, 2004

SSP POM-06 Target Brief
Process Employed

Internal Process

- Guidance received from N8 (1/28/04)
- SSP Board of Directors (BOD) reviewed FY 2003 LOE listing
- SSP BOD proposed candidate reductions and tasked Subsystem program managers to comment/price and propose additional candidates (2/04/04,)
- SSP BOD evaluated possible deductions from Baseline in accordance with N8 Guidance
- SSP BOD reviewed, ranked and prioritized all candidates (2/19/04)
    - Emphasis on maintaining safety/security of the Nuclear strategic weapon system
    - Maintain output to war fighter
- SSP requested N8 to reduce baseline target (2/20/04)
    - D5 Life extension funding (minimum sustaining production rate)
    - Nuclear Weapons Security (CNO directed program; high priority; underfunded)
    - Superstructure Modifications (high priority, underfunded)
- Risk assessment based on N8B guidance scoring 5 major categories

Coordination Process

- Began coordination with stakeholders via Undersea Enterprise VTC (2/5/04)
- Continued coordination via Undersea Enterprise Flag VTC (2/12/04)
- Participated in Undersea Enterprise (06) offsite (2/24/04)
- Achieved coordinated Undersea Enterprise position via Flag VTC (3/1/04) , (3/4/04)

SSP POM-06 Target Brief
Baseline Adjustment

1. **D-5 Life Extension (LE)**
   - **Low rate production continuity procurement strategy**
     - **Components procured at min sustain rate to sustain quality and maintain the supplier base**
   - **Redesign of missile electronics and guidance system to avoid aging and obsolescence issues**
   - **D-5 LE funding included in revised ACAT 1C Acquisition Program Baseline (APB)**
2. **Nuclear Weapons Security (NWS)**
   - **High priority program (IAW DODINST 5210.41M- Nuclear Weapons Security Manual)**
     - **CNO assigned SSP as Technical Program Manager (TPM)**
   - **Significant portion of the program remains underfunded**
   - **Current funded program executable but full requirements won't be met IAW required schedule**
3. **SSBN Super Structure Modification**
   - **High priority program**

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Baseline Adjustment (continued)

ORIGINAL BASELINE	APPN	2005
	RDT&EN	106
	PROC	1099
	OMN	860
	MPN	32
Total		**2097**

1. D5 Life Extension	**769**
2. Nuclear Weapons Security	**93**
3. Superstructure Modification	**56**
Total Adjustment to FY 2005 Baseline	**918**
Revised FY 2005 Baseline	**1179**
5% of Revised FY 2005 Baseline	**59**

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FYDP Summary - $

		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FYDP
Baseline	PROC	1099	1390	1215	1323	1357	1381	1406	9,171
	RDTEN	106	108	107	110	111	113	115	770
	OMN	860	920	945	1018	1048	1067	1086	6,944
	MPN	32	32	33	34	35	36	37	239
	Total	2,097	2,450	2,300	2,485	2,551	2,597	2,644	17,124
Savings (-)	PROC		21	5	25	48	74	48	221
	RDTEN		10	10	10	10	10	10	60
	OMN		38.7	11.3	13.2	11.7	11.8	11.3	98
	MPN								0
	Total	0	70	26	48	70	96	69	379
Adjusted Baseline	PROC	1,099	1,369	1,210	1,298	1,309	1,307	1,358	8,950
	RDTEN	106	98	97	100	101	103	105	710
	OMN	860	881	934	1,005	1,036	1,055	1,075	6,846
	MPN	32	32	33	34	35	36	37	239
	Total	2,097	2,380	2,274	2,437	2,481	2,501	2,575	16,745
Total Proposed Net Savings		0	70	26	48	70	96	69	379
5% Target			60	61	63	64	65	66	379
SSP/N77 POM REBALANCE	**PROC**		15	11	40	31	46	78	221
Baseline after rebalance		2,097	2,395	2,285	2,477	2,512	2,547	2,653	16,966

SSP POM-06 Target Brief
FYDP Summary - Manpower

		FY05	FY06	FY07	FY08	FY09	FY10	FY11	FYDP
E/S Baseline (FTE)	Active	483	483	483	483	483	483	483	3381
	Reserve								0
	Civilian	785	785	785	785	785	785	785	5495
	Contractor (E/S)*	117	117	117	117	117	117	117	819
	Total	1385	1385	1385	1385	1385	1385	1385	9695
Adjustments (+/-)	Active								0
	Reserve								0
	Civilian								0
	Contractor (E/S)*								0
	Total	0	0	0	0	0	0	0	0
Adjusted Baseline	Active	483	483	483	483	483	483	483	3381
	Reserve	0	0	0	0	0	0	0	0
	Civilian	785	785	785	785	785	785	785	5495
	Contractor (E/S)*	117	117	117	117	117	117	117	819
	Total	1385	1385	1385	1385	1385	1385	1385	9695

- **SSP is a lean organization**
  - **Current staffing based on single program support only**
- **SSP has absorbed three major programs without E/S increase**
  - **Nuclear Weapons Security**
  - **SSGN AWCS**
  - **Superstructure Modification**

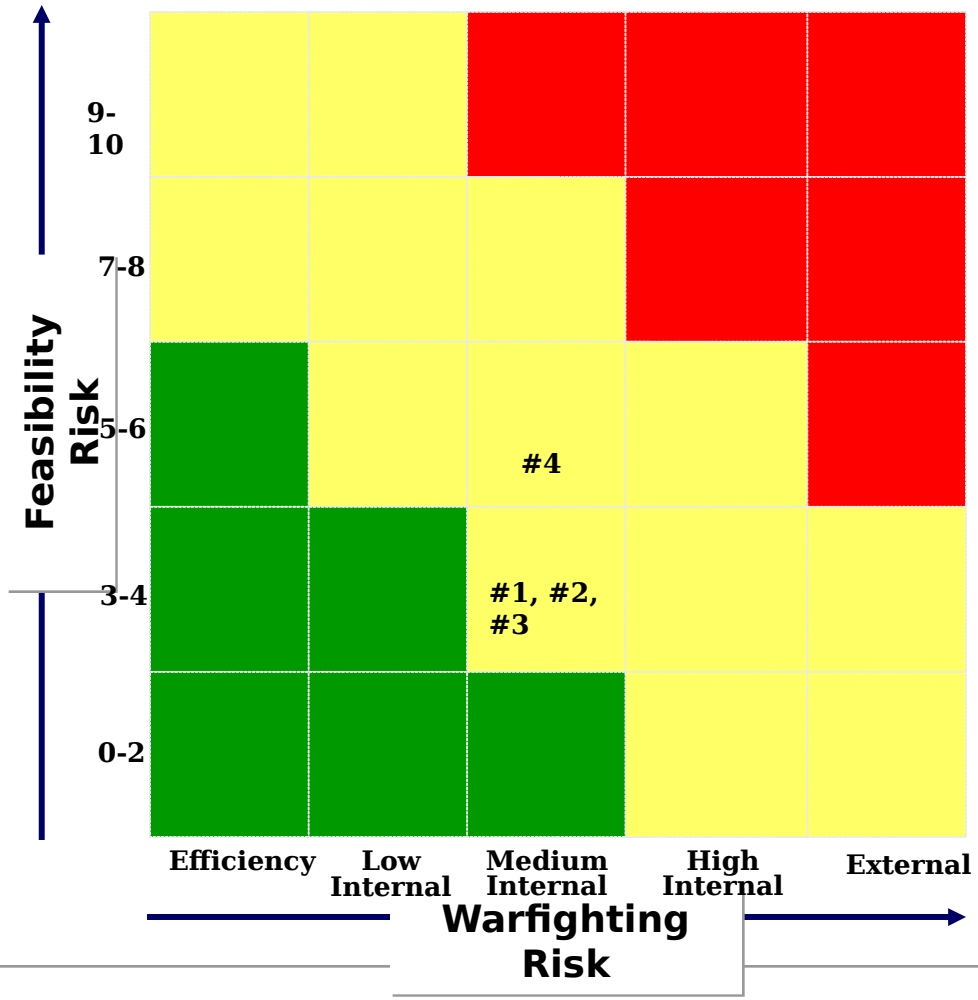
***Contractor (E/S) = CAAS.**

POM-06 Target Brief
Initiative Summary

#	Savings Option	W/F Cap Risk	Feas Risk	Investment ($M)	Projected Net Savings ($M) Procurement (RDTE/PROC) FYDP$	Procurement (RDTE/PROC) %Target	Operations (OMN/OMNR) FYDP	Operations (OMN/OMNR) %Target	Total FYDP	Total %Target
				0.0	0.0	0.00%	0.0	0.00%	0.0	0.00%
				0.0	0.0	0.00%	0.0	0.00%	0.0	0.00%
				0.0	0.0	0.00%	0.0	0.00%	0.0	0.00%
				0.0	0.0	**0.00%**	0.0	**0.00%**	0.0	**0.00%**
1	SSP POM-06 OFFSETS	M	3	0.0	221.0	58.31%	0.0	0.00%	221.0	58.31%
2	Missile Support Infrastructure	M	3		0.0	0.00%	68.9	18.18%	68.9	18.18%
3	Strategic Propulsion Application Program	M	3	0.0	60.0	15.83%	0.0	0.00%	60.0	15.83%
4	Consolidation of Mk-6 guidance system repair	M	5	0.0	0.0	0.00%	29.1	7.68%	29.1	7.68%
	Subtotal			**0.0**	**281.0**	**74.14%**	**98.0**	**25.86%**	**379.0**	**100.00%**
				0.0	0.0	0.00%	0.0	0.00%	0.0	0.00%
				0.0	0.0	0.00%	0.0	0.00%	0.0	0.00%
				0.0	0.0	0.00%	0.0	0.00%	0.0	0.00%
	Subtotal			0.0	0.0	**0.00%**	0.0	**0.00%**	0.0	**0.00%**
	Total Proposed Savings			**0.000**	**281.000**	**74.14%**	**98.000**	**25.86%**	**379.000**	**100.00%**
	5% Target								**379.000**	**0.00%**

SSP POM-06 Target Brief
Initiative Summary

Overall Severity



SSP POM-06 Target Brief
Initiative: POM-06 OFFSETS

Product/Output Description:

- Funding provides for the ability to deal with emergent supplier base issues related to D5 missile production
- Funding provides for SWS Shipboard corrective action alterations

Source of Requirement:

- TRIDENT II D-5 Program of Record

Proposed Action:

- Reduce projected D-5 LE missile unit cost
- Reduce historically based funding required for Strategic Weapons System (SWS) shipboard subsystems corrective action alterations
- Savings used to minimize fact-of-life increases in D-5 program

Risk/Impact Assessment:

- Reduces the ability to deal with supplier base issues related to D5 missile production which potentially impacts flight hardware reliability and increases total program cost
  - Risk to flight reliability considered acceptable
- Reduces ability to respond to emergent SWS Shipboard problems potentially impacting shipboard SWS reliability
  - Risk to shipboard SWS reliability considered acceptable

FYDP Profile:

	FY05	FY06	FY07	FY08	FY09	FY10	FY11	Total
CLI/PE Baseline	871	1070	1047	1172	1229	1251	1274	7914
APPN								
(+) Investment								
(-) Savings		-21	-5	-25	-48	-74	-48	-221
Net								
Endstrength (FTE +/-)								
Active								
Reserve								
Civilian								
Contractor (E/S or $)								

Comments:

- OPN/WPN – BLIs (5358/1250)

Assessment

War Cap Risk	Leg/Reg	Political	Complexity	Intangible	Cost/Inv Rec	Feas Risk	Invest $M	FYDP $M	Severity
M	0	1	1	1	0	3	0	221	

SSP POM-06 Target Brief
Initiative: Missile Support Infrastructure

Product/Output Description:

- D-5 flight test program
- Production engineering support for missile shore based support equipment

- Source of Requirement:
  - TRIDENT II D-5 Program of Record

Proposed Action:

- Restructure Contractor functions at the Eastern Test Range and prime contractor

Risk/Impact Assessment:

- Reduces capability for engineering evaluation thus impacting timely problem investigation and corrective action resolution
- Potential delays to Test Missile Kits availability to support US/UK flight test program
- Potential support equipment problem to affect outload capabilities

FYDP Profile:

	FY05	FY06	FY07	FY08	FY09	FY10	FY11	Total
CLI/PE Baseline	830	890	913	986	1015	1033	1052	6719
APPN								
(+) Investment								
(-) Savings		9.6	11.3	13.2	11.7	11.8	11.3	68.9
Net								
Endstrength (FTE +/-)								
Active								
Reserve								
Civilian								
Contractor (E/S or $)								

Comments:

- O&M,N – AG/SAG =1D2D

Assessment

War Cap Risk	Leg/Reg	Political	Complexity	Intangible	Cost/Inv Rec	Feas Risk	Invest $M	FYDP $M	Severity
M	0	1	1	1	0	3	0	68.9	

SSP POM-06 Target Brief
Initiative: Strategic Propulsion Application Program

Product/Output Description:

•Closely coordinated Navy/Air Force Technology Application program commencing in FY 2004 to sustain strategic unique propulsion technologies

Proposed Action:

• Reduce funding for Navy/Air Force Technology Application program to sustain strategic unique propulsion technologies

Source of Requirement:

• Nuclear Posture Review

Risk/Impact Assessment:

- •Jeopardizes USD DDR&E "CONTRACT" for annual full-scale static firings
- •Risks delay in rebuilding a responsive infrastructure
- •Reduces or eliminates Unique Lab R&D support infrastructure
- •Loss of FBM unique skilled personnel & FBM vendors
- •Impacts Air Force program and schedule

FYDP Profile:

	FY05	FY06	FY07	FY08	FY09	FY10	FY11	Total
CLI/PE Baseline	106	107	107	110	111	113	115	769
APPN								
(+) Investment								
(-) Savings		10	10	10	10	10	10	60
Net								
Endstrength (FTE +/-)								
Active								
Reserve								
Civilian								
Contractor (E/S or $)								

Comments:

• RDT&EN - J2228

Assessment

War Cap Risk	Leg/Reg	Political	Complexity	Intangible	Cost/Inv Rec	Feas Risk	Invest $M	FYDP $M	Severity
M	0	2	1	0	0	3	0	60	

SSP POM-06 Target Brief
Initiative: Consolidation of MK-6 Guidance System Repair

Product/Output Description:
- MK-6 guidance system repair

•Source of Requirement:
- Trident II D-5 Program of Record – sustain Mk-6 guidance system through FY 2020

Proposed Action:
- Accelerate the planned consolidation of MK-6 guidance system repair
- Suspend repair capability in FY 2006 during transition to Integrated Support Facility

Risk/Impact Assessment:
- •Requires successful implementation of Integrated Support Facility
- •Quantity of spare guidance systems at the 3rd level will be reduced
- •Accelerates planned on-board spares reduction from 6 to 4

FYDP Profile:

	FY05	FY06	FY07	FY08	FY09	FY10	FY11	Total
CLI/PE Baseline	830	890	913	986	1015	1033	1052	6719
APPN								
(+) Investment								
(-) Savings		29.1						29.1
Net								
Endstrength (FTE +/-)								
Active								
Reserve								
Civilian								
Contractor (E/S or $)								

Comments:
- O&M,N – AG/SAG =1D2D

Assessment

War Cap Risk	Leg/Reg	Political	Complexity	Intangible	Cost/Inv Rec	Feas Risk	Invest $M	FYDP $M	Severity
M	0	2	1	1	1	5	0	29.1	

SSP POM-06 Target Brief Summary

- Expanded mission responsibilities limit scope of baseline from which savings can be achieved
- SSP criteria for realizing intelligent target goals
  - Maintain safety/security of the Nuclear strategic weapons system
  - Avoid impact to our customers – COMSTRATCOM and the Fleet
- Mitigation candidates increase risk to weapons system readiness and reliability
  - Increased risk considered acceptable